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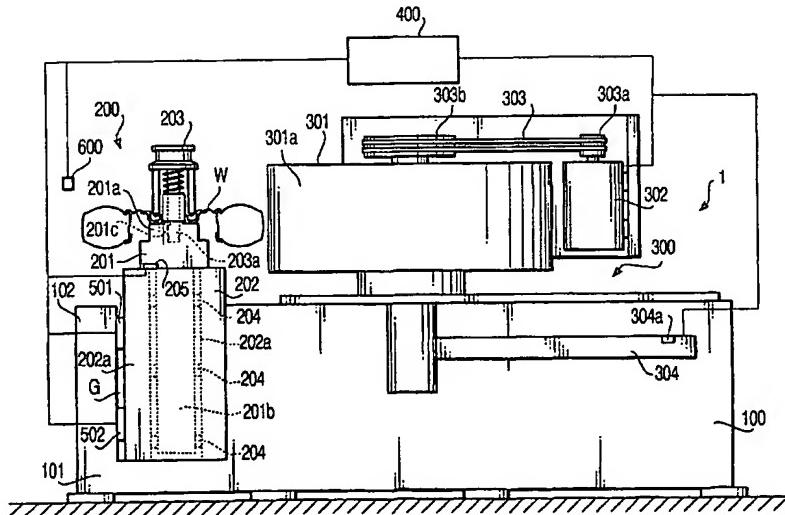
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(54) Title: METHOD AND APPARATUS FOR TIRE UNIFORMITY MEASUREMENT



(57) **Abstract:** There is provided a method and a apparatus for measuring tire uniformity. The apparatus comprises a spindle, a rotating drum, a sensor and a computing means. The method comprises the steps of mounting a tire on the spindle, pressing a circumferential surface of a rotating drum against the tread surface of the tire with a first pressing force, rotating the tire around rotational axis thereof, and computing the forces which the tire acts on first and second planes of the tire by the computing means while the tire is rotating. The first plane is perpendicular to the rotational axis and in one sidewall side of the tire. The second plane is perpendicular to the rotational axis and in the other sidewall side of the tire. The forces are computed based on values obtained by the sensor measuring forces transmitted to the spindle from the tire at first and second positions. The first and second positions have different distances from the tire in the rotational axis direction.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.